

Quickstart - NX Steel Profile

Thank you very much for your decision to use NX Steel Profile. It is a very powerful tool for the work with all kinds of sections, particularly steel sections. The libraries for most used steel sections are included.

NX Steel Profile is a member of the solution family NX Steel and works with Unigraphics NX 3 and NX 4.

You need only 3 steps to use NX Steel Profile:

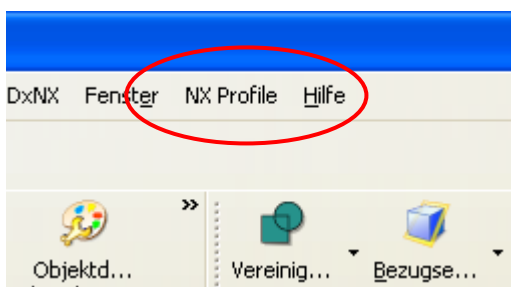
1. Install the license server and add passwords for NX Steel Profile
2. Install NX Steel Profile
3. Start NX Steel Profile

Read the Installation manual for installing the license server and NX Steel Profile.

Start NX Steel Profile

After a successful installation NX Steel Profile automatically is integrated into the starting process of your NX.

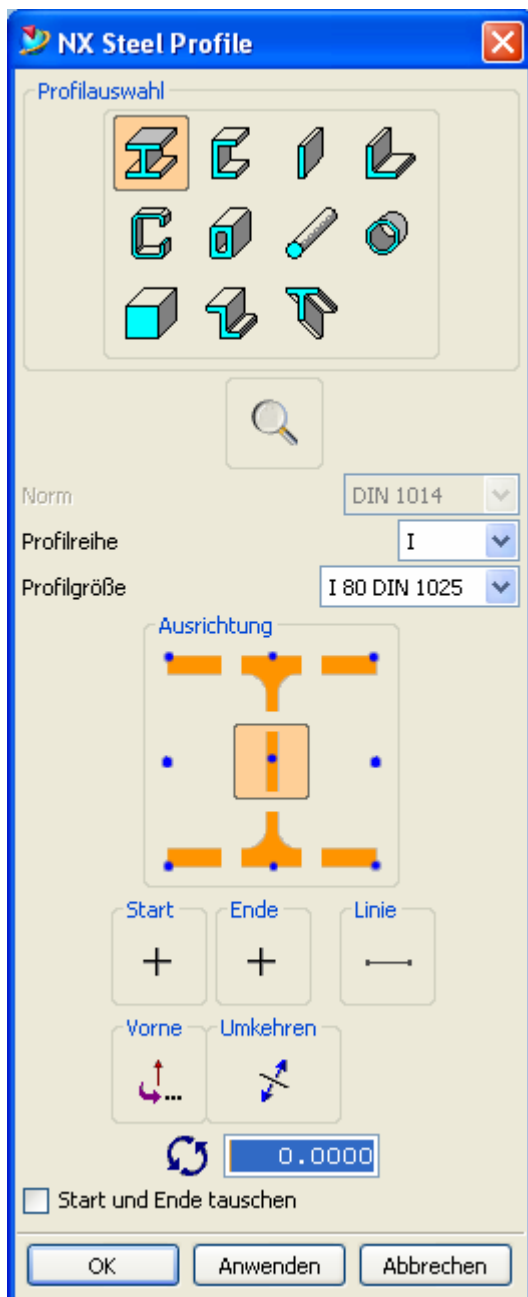
After the startup of NX you will find in Modeling the new pull down menu *NX Profile*.



The language of the dialogue windows depends from the language of your NX installation.

Create profiles (beams)

Select the menu item **Profile** to start the main part of NX Steel Profile. You can place a new beam by defining a start and end point or by referring to a line. It is possible to use points and lines of sketches, curves or concrete point of the actual part. Every beam created with NX Steel Profile is a component in the current part.



Use the icons in the upper area of the dialogue windows to select the base type, the geometric form of the profile.

With the loupe it is possible to copy the profile information of an existing beam.

Selection of profile type and dimension

Buttons to define an eccentric position compared to the standard position defined by start and end point.

Buttons to define start and endpoint directly or by a line

Button to define the front position of the profile and a button to rotate the profile with 90°

Defining a rotation angle by entering the number

Switch start and end point

Trim function

With this function it is possible to extend or short a beam to a selected surface, with or without an offset.



1. Select the beam which should be edited
2. Select the reference surface

1. The trimmed beam end can become to a diagonal cut
2. The trimmed beam end is always perpendicular

Button to change the trimmed beam end (in case of failure)

Input box to define an offset

Contour cut

The contour cut is used to fit one beam into another beam, e.g. for a welding connection. The second beam follows the contour of the first beam.



Define an offset and select the first and second beam.

Info

With Info you can open a window with some info about the current software version.



Next to the button Server the current license server is displayed. Use the button Server to change your license server without editing the Windows registry.